

#### **Estimated State Tax Revenue**

Tennessee Department of Revenue December 11, 2014

### Fiscal Year 2014 Tax Revenue

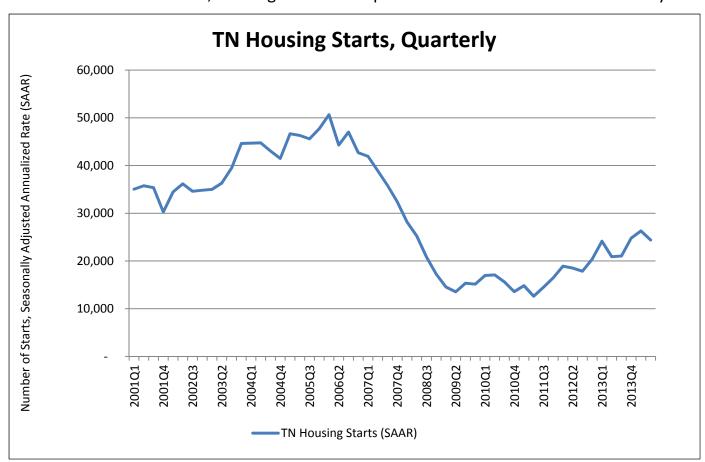
# COMPARISON OF ACTUAL ACCRUAL STATE TAX REVENUE DEPARTMENT OF REVENUE TAXES YEAR OVER YEAR COMPARISON

|                                    | Fiscal Year 2013 | Fiscal Year 2014 | % Change | Tax Weight | Total % Point Contribution |
|------------------------------------|------------------|------------------|----------|------------|----------------------------|
| Sales and Use Tax                  | \$ 7,012,028,700 | \$ 7,286,164,500 | 3.91%    | 60.13%     | 2.35%                      |
| Hall Dividend & Interest Tax       | 233,418,800      | 239,316,300      | 2.53%    | 2.00%      | 0.05%                      |
| Corporate Franchise and Excise Tax | 2,020,504,700    | 1,858,638,300    | -8.01%   | 17.33%     | -1.39%                     |
| Inheritance and Estate Tax         | 110,627,500      | 107,701,400      | -2.65%   | 0.95%      | -0.03%                     |
| Other                              | 2,284,531,700    | 2,252,890,400    | -1.39%   | 19.59%     | -0.27%                     |
| TOTAL ACCRUAL REVENUE              | \$11,661,111,400 | \$11,744,710,900 | 0.72%    | 100%       | 0.72%                      |

\*Data from F&A

## Housing

- Housing Starts increased 15.8% from FY 2013 FY 2014
- By the end of Fiscal Year 2015, housing starts are expected to have increased 11% from a year earlier



Direct Revenue Implications of Increased Housing Activity (Most Recent 6 Month Data)

| Growth is p | presented as y | year over | year ( | (YOY) |
|-------------|----------------|-----------|--------|-------|
|-------------|----------------|-----------|--------|-------|

|           | Collections   | YOY % Growth | YOY\$ Growth |
|-----------|---------------|--------------|--------------|
| May       | \$ 39,694,299 | 4.95%        | 1,871,858    |
| June      | 37,280,380    | 2.20%        | 803,902      |
| July      | 37,080,500    | 3.71%        | 1,327,699    |
| August    | 34,388,431    | 6.73%        | 2,167,020    |
| September | 30,839,165    | 4.15%        | 1,227,955    |
| October   | 34,845,363    | 9.33%        | 2,973,059    |
| ·         | _             | 5.09%        | 10,371,493   |

#### **Sales Tax Collections from Furniture & Home Furnishings**

|           | Collections | YOY % Growth | YOY \$ Growth |
|-----------|-------------|--------------|---------------|
| May       | 17,643,102  | 5.69%        | 949,917       |
| June      | 17,646,524  | 0.39%        | 68,637        |
| July      | 20,995,533  | 8.26%        | 1,601,186     |
| August    | 17,836,882  | 0.56%        | 99,826        |
| September | 19,839,746  | 5.16%        | 974,021       |
| October   | 21,057,166  | 17.10%       | 3,074,768     |
|           | •           | 6.25%        | 6,768,355     |

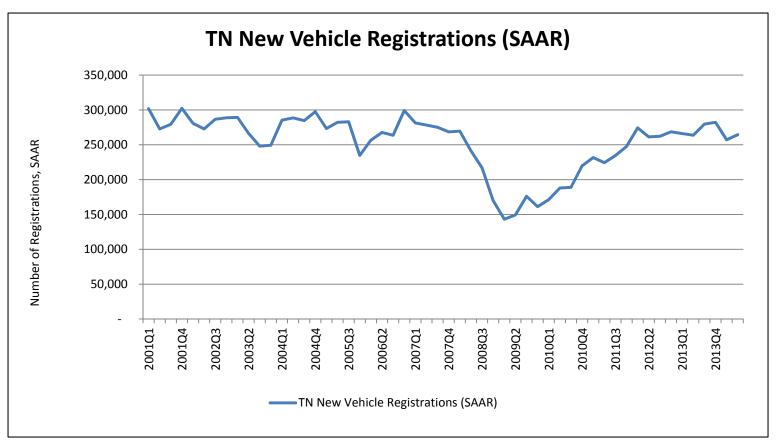
#### **Privilege Tax Collections from Realty Transfer**

|           | Collections | YOY % Growth | YOY \$ Growth |
|-----------|-------------|--------------|---------------|
| May       | 10,392,570  | 17.81%       | 1,571,278     |
| June      | 9,239,317   | 2.22%        | 200,473       |
| July      | 11,038,851  | 40.22%       | 3,166,379     |
| August    | 12,804,696  | 1.36%        | 171,598       |
| September | 10,951,174  | 5.20%        | 541,548       |
| October   | 10,811,635  | 18.65%       | 1,699,364     |
|           |             | 12.70%       | 7,350,640     |

| 6 Month Total Growth | 6.62% | 24,490,488 |
|----------------------|-------|------------|
|                      |       | , ,        |

#### Automotive

- New Vehicle Registrations increased 2.2% from FY 2013 FY 2014
- By the end of Fiscal Year 2015, new vehicle registrations are expected to have increased nearly 5% from a year earlier



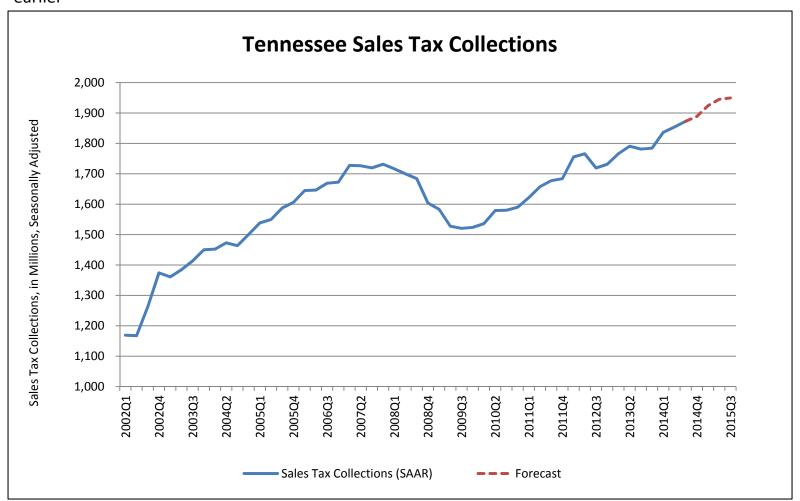
Revenue Implications of Increased Motor Vehicle Sales (Most Recent 6 Month Data)

| <b>Growth Is Presented</b> | as Year Over | Year (YOY) | ١ |
|----------------------------|--------------|------------|---|
|----------------------------|--------------|------------|---|

|                           | 6 Month Total Growth          |           | 7.14%        | 25,698,617    |
|---------------------------|-------------------------------|-----------|--------------|---------------|
|                           |                               |           | 5.78%        | 1,524,633     |
| October                   | 4,4                           | 463,862   | 18.17%       | 686,469       |
| September                 |                               | 528,475   | 2.96%        | 130,390       |
| August                    | 4,6                           | 641,126   | 5.85%        | 256,394       |
| July                      | 4,6                           | 604,793   | -2.69%       | (127,156      |
| June                      | 5,3                           | 123,027   | 9.13%        | 428,574       |
| May                       | 4,5                           | 543,994   | 3.41%        | 149,962       |
|                           | Co                            | llections | YOY % Growth | YOY \$ Growth |
| Tax Collections from Moto | rcycle & All Other MV Dealers |           |              |               |
|                           |                               |           | 5.68%        | 4,339,829     |
| October                   | 13,3                          | 150,468   | 10.19%       | 1,215,935     |
| September                 | 14,2                          | 276,030   | 6.75%        | 902,759       |
| August                    | 13,5                          | 536,372   | 3.40%        | 445,57        |
| July                      | 12,7                          | 785,420   | 4.24%        | 519,590       |
| June                      | 13,7                          | 765,950   | 8.00%        | 1,019,47      |
| May                       | 13,2                          | 245,238   | 1.82%        | 236,498       |
|                           | Co                            | llections | YOY % Growth | YOY \$ Growtl |
| Tax Collections from Moto |                               |           |              |               |
|                           |                               |           | 7.71%        | 19,834,15     |
| October                   | 44,4                          | 451,638   | 11.29%       | 4,508,26      |
| September                 | 50,2                          | 274,311   | 7.12%        | 3,342,383     |
| August                    | 47,8                          | 809,512   | 4.38%        | 2,006,21      |
| July                      | 43,5                          | 534,235   | 3.37%        | 1,418,58      |
| June                      | 48,6                          | 609,579   | 18.07%       | 7,437,82      |
| May                       | \$ 42,4                       | 466,219   | 2.71%        | 1,120,87      |
|                           | Co                            | llections | YOY % Growth | YOY \$ Growt  |

### Sales

- Sales tax collections increased 3.91% from FY 2013 FY 2014
- By the end of Fiscal Year 2015, sales tax collections are expected to have increased 5.17% from a year earlier



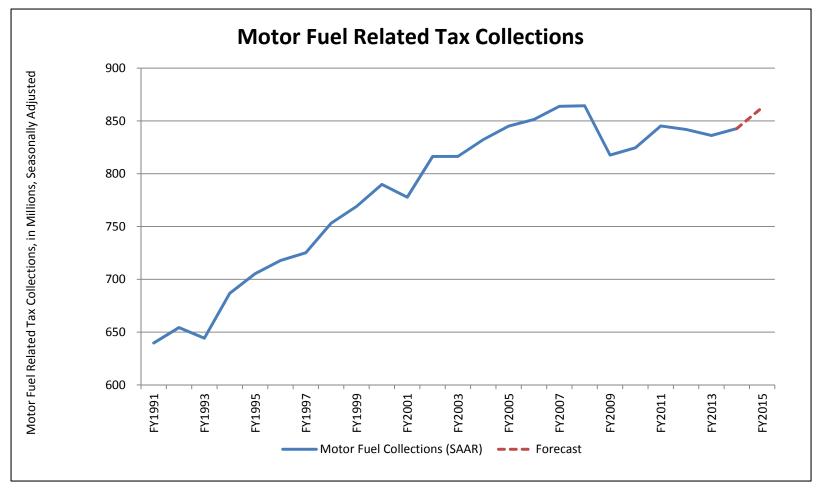
Direct Revenue Implications of Increased Sales Collections (Most Recent 6 Month Data)

| Growth is presented as | year over ye | ear (YOY) |
|------------------------|--------------|-----------|
|------------------------|--------------|-----------|

|                                   | 6 Month Total Growth | 8.51%        | 40,838,114    |
|-----------------------------------|----------------------|--------------|---------------|
|                                   |                      | 13.44%       | 4,945,132     |
| October                           | 6,859,793            | 15.37%       | 914,027       |
| September                         | 7,032,597            | 11.69%       | 736,296       |
| August                            | 6,554,329            | 19.84%       | 1,084,900     |
| July                              | 7,005,820            | 10.73%       | 678,833       |
| June                              | 7,645,345            | 20.67%       | 1,309,67      |
| May                               | 6,651,129            | 3.44%        | 221,40        |
|                                   | Collections          | YOY % Growth | YOY \$ Growtl |
| Mixed Drink (Liquor-by-the-Drin   | () Tax Collections   |              |               |
|                                   | _                    | 17.22%       | 15,270,36     |
| October                           | 16,487,319           | 14.97%       | 2,146,350     |
| September                         | 17,131,143           | 13.51%       | 2,038,95      |
| August                            | 19,082,221           | 27.93%       | 4,166,61      |
| July                              | 18,998,570           | 7.85%        | 1,382,07      |
| June                              | 15,865,078           | 7.12%        | 1,054,99      |
| May                               | 16,384,673           | 37.65%       | 4,481,37      |
| Sales Tax Collections from Hotels | Collections          | YOY % Growth | YOY \$ Growt  |
| 'alas Tay Callastians from Hatal  | . P. Ladaina Diagga  |              |               |
|                                   | _                    | 5.82%        | 20,622,61     |
| October                           | 62,123,216           | 7.56%        | 4,363,91      |
| September                         | 63,086,971           | 7.34%        | 4,315,31      |
| August                            | 62,952,931           | 7.26%        | 4,261,68      |
| July                              | 63,732,632           | 4.89%        | 2,973,46      |
| June                              | 62,816,253           | 5.04%        | 3,013,21      |
| May                               | \$ 60,293,031        | 2.89%        | 1,695,02      |
|                                   | Collections          | YOY % Growth | YOY \$ Growt  |

### Motor Fuel Related Collections\*

- Motor fuel related tax collections increased 0.98% from FY 2013 FY 2014
- By the end of Fiscal Year 2015, motor fuel related tax collections are expected to have increased 2.31% from a year earlier

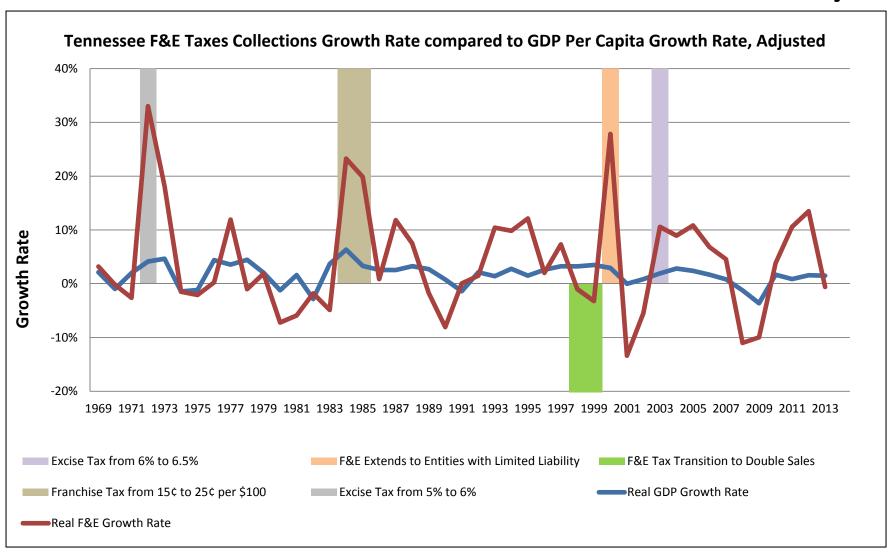


<sup>\*</sup>Motor fuel related tax collections include collections from the gasoline tax, the motor fuel tax, and the petroleum special tax.

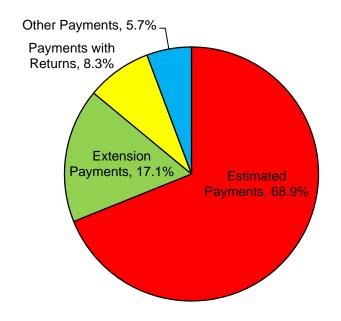
Direct Revenue Implications of Increased Motor Fuel Related Collections (Most Recent 6 Month Data) Growth is presented as year over year (YOY)

|                            | 6 Month Total Growth | 5.09%            | 22,898,26                             |
|----------------------------|----------------------|------------------|---------------------------------------|
|                            |                      | 3.77%            | 3,068,83                              |
| October                    | 16,022,9             | 968 4.45%        | 682,74                                |
| Septemb                    | r 14,360,            | 3.87%            | 535,70                                |
| August                     | 11,628,              | 2.72%            | 308,05                                |
| July                       | 15,387,5             | 0.78%            | 118,83                                |
| June                       | 14,338,              | 0.84%            | 119,36                                |
| May                        | 12,678,              | 580 11.47%       | 1,304,13                              |
|                            | Collecti             | ons YOY % Growth | YOY \$ Growt                          |
| Notor Fuel Tax Collections |                      |                  |                                       |
|                            |                      | 3.98%            | 12,468,32                             |
| October                    | 51,725,              | 8.67%            | 4,127,01                              |
| Septemb                    | r 53,851,            | 2.54%            | 1,334,26                              |
| August                     | 53,374,              | 194 5.38%        | 2,725,17                              |
| July                       | 54,758,              | -4.63%           | (2,658,873                            |
| June                       | 57,019,5             | 5.53%            | 2,989,81                              |
| May                        | 55,012,4             | 7.74%            | 3,950,94                              |
|                            | Collecti             | ons YOY % Growth | YOY \$ Growt                          |
| Gasoline Tax Collections   |                      |                  |                                       |
|                            |                      | 13.42%           | 7,361,10                              |
| October                    | 10,184,              |                  | ·                                     |
| Septemb                    |                      |                  |                                       |
| August                     | 10,880,0             |                  |                                       |
| July                       | 10,378,              |                  |                                       |
| June                       | 10,566,              |                  |                                       |
| May                        | \$ 9,493,            |                  | , ,                                   |
|                            | Collecti             |                  | · · · · · · · · · · · · · · · · · · · |

## Franchise and Excise Tax Volatility



## Makeup of F&E Payments\*



<sup>\*</sup>Percentages based on payments made by taxpayers for Fiscal Years 2010 through 2014.

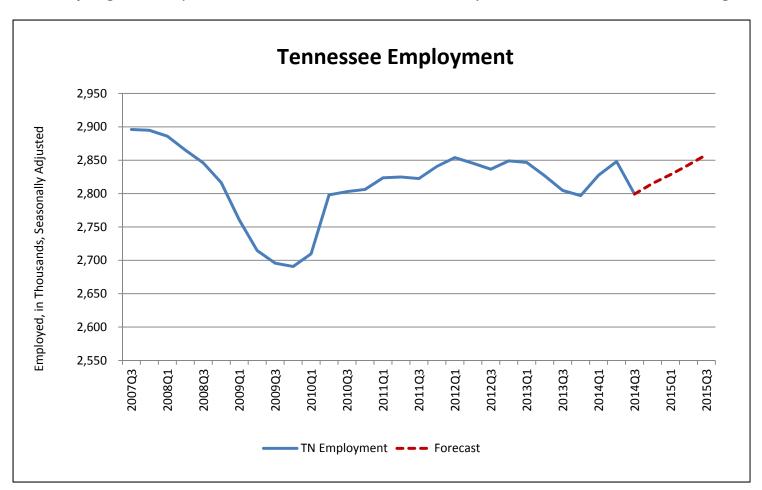
# F&E Payment History

|            |             | Franchise   | Excise        | Net Estimated | Reported      |
|------------|-------------|-------------|---------------|---------------|---------------|
| FY         | Month       | Return      | Return        | Payments      | Total         |
| 2012       | Jul-11      | 33,642,996  | 67,285,019    | (50,541,766)  | 50,386,250    |
| 2012       | Aug-11      | 14,394,528  | 25,013,369    | (5,533,588)   | 33,874,310    |
| 2012       | Sep-11      | 78,815,700  | 97,589,867    | 76,355,390    | 252,760,957   |
| 2012       | Oct-11      | 225,433,452 | 350,397,654   | (540,741,198) | 35,089,907    |
| YTD Jul-11 | thru Oct-11 | 352,286,677 | 540,285,909   | (520,461,162) | 372,111,424   |
| 2012       | Nov-11      | 38,111,098  | 45,382,754    | (42,778,508)  | 40,715,343    |
| 2012       | Dec-11      | 21,251,728  | 29,940,322    | 206,153,785   | 257,345,835   |
| 2012       | Jan-12      | 45,475,221  | 63,656,084    | 48,196,381    | 157,327,685   |
| 2012       | Feb-12      | 16,730,167  | 24,333,906    | (1,310,368)   | 39,753,705    |
| 2012       | Mar-12      | 38,486,456  | 42,081,598    | 111,475,671   | 192,043,725   |
| 2012       | Apr-12      | 17,650,359  | 68,259,816    | 291,988,967   | 377,899,142   |
| 2012       | May-12      | 79,658,723  | 85,851,105    | (124,936,181) | 40,573,647    |
| 2012       | Jun-12      | 35,039,720  | 44,636,736    | 294,678,884   | 374,355,341   |
| FY 201     | 2 Total     | 644,690,149 | 944,428,230   | 263,007,469   | 1,852,125,847 |
| 2013       | Jul-12      | 31,484,600  | 74,758,295    | (51,505,961)  | 54,736,934    |
| 2013       | Aug-12      | 26,397,631  | 27,565,779    | (18,519,838)  | 35,443,573    |
| 2013       | Sep-12      | 87,030,347  | 121,664,794   | 100,449,176   | 309,144,317   |
| 2013       | Oct-12      | 237,513,821 | 402,220,493   | (574,595,214) | 65,139,101    |
| YTD Jul-12 | thru Oct-12 | 382,426,400 | 626,209,361   | (544,171,837) | 464,463,924   |
| 2013       | Nov-12      | 29,567,200  | 37,976,757    | (41,014,411)  | 26,529,546    |
| 2013       | Dec-12      | 39,837,384  | 49,574,984    | 153,601,247   | 243,013,615   |
| 2013       | Jan-13      | 12,697,901  | 24,631,605    | 134,819,787   | 172,149,293   |
| 2013       | Feb-13      | 14,013,708  | 37,751,657    | (13,820,399)  | 37,944,965    |
| 2013       | Mar-13      | 42,184,040  | 77,119,050    | 92,238,700    | 211,541,790   |
| 2013       | Apr-13      | 83,384,290  | 143,970,221   | 244,725,022   | 472,079,534   |
| 2013       | May-13      | 17,592,485  | 24,645,365    | 3,033,336     | 45,271,185    |
| 2013       | Jun-13      | 20,229,109  | 18,646,466    | 302,354,697   | 341,230,272   |
| FY 201     | 3 Total     | 641,932,517 | 1,040,525,465 | 331,766,143   | 2,014,224,125 |

|                        |             | Franchise   | Excise        | Net Estimated | Reported      |  |
|------------------------|-------------|-------------|---------------|---------------|---------------|--|
| FY                     | Month       | Return      | Return        | Payments      | Total         |  |
| 2014                   | Jul-13      | 34,538,002  | 121,328,747   | (89,337,993)  | 66,528,755    |  |
| 2014                   | Aug-13      | 23,493,846  | 35,107,726    | (26,946,250)  | 31,655,323    |  |
| 2014                   | Sep-13      | 97,849,514  | 198,430,981   | (19,196,225)  | 277,084,270   |  |
| 2014                   | Oct-13      | 231,161,623 | 400,009,346   | (587,942,518) | 43,228,451    |  |
| YTD-Jul 13 thru Oct-13 |             | 387,042,985 | 754,876,800   | (723,422,986) | 418,496,799   |  |
| 2014                   | Nov-13      | 50,078,867  | 71,596,808    | (87,024,364)  | 34,651,311    |  |
| 2014                   | Dec-13      | 36,957,768  | 66,926,206    | 95,663,489    | 199,547,462   |  |
| 2014                   | Jan-14      | 26,435,622  | 30,084,111    | 83,150,464    | 139,670,197   |  |
| 2014                   | Feb-14      | 15,967,276  | 24,417,219    | (2,270,617)   | 38,113,879    |  |
| 2014                   | Mar-14      | 48,029,819  | 68,850,377    | 71,343,409    | 188,223,605   |  |
| 2014                   | Apr-14      | 85,164,839  | 126,840,089   | 247,123,560   | 459,128,489   |  |
| 2014                   | May-14      | 21,922,043  | 30,649,115    | (6,062,319)   | 46,508,839    |  |
| 2014                   | Jun-14      | 15,638,975  | 22,713,975    | 290,755,485   | 329,108,434   |  |
| FY 2014 Total          |             | 687,238,195 | 1,196,954,700 | (30,743,879)  | 1,853,449,015 |  |
| 2015                   | Jul-14      | 30,398,863  | 149,033,591   | (110,956,514) | 68,475,939    |  |
| 2015                   | Aug-14      | 29,902,427  | 41,311,672    | (36,629,557)  | 34,584,541    |  |
| 2015                   | Sep-14      | 110,332,720 | 173,782,799   | 34,382,180    | 318,497,698   |  |
| 2015                   | Oct-14      | 225,936,479 | 385,523,895   | (584,640,584) | 26,819,791    |  |
| YTD-Jul 14             | thru Oct-14 | 396,570,488 | 749,651,957   | (697,844,476) | 448,377,969   |  |
| 2015                   | Nov-14      |             |               |               | 0             |  |
| 2015                   | Dec-14      |             |               |               | 0             |  |
| 2015                   | Jan-15      |             |               |               | 0             |  |
| 2015                   | Feb-15      |             |               |               | 0             |  |
| 2015                   | Mar-15      |             |               |               | 0             |  |
| 2015                   | Apr-15      |             |               |               | 0             |  |
| 2015                   | May-15      |             |               |               | 0             |  |
| 2015                   | Jun-15      |             |               |               | 0             |  |
| FY 2015 Total          |             | 396,570,488 | 749,651,957   | (697,844,476) | 448,377,969   |  |

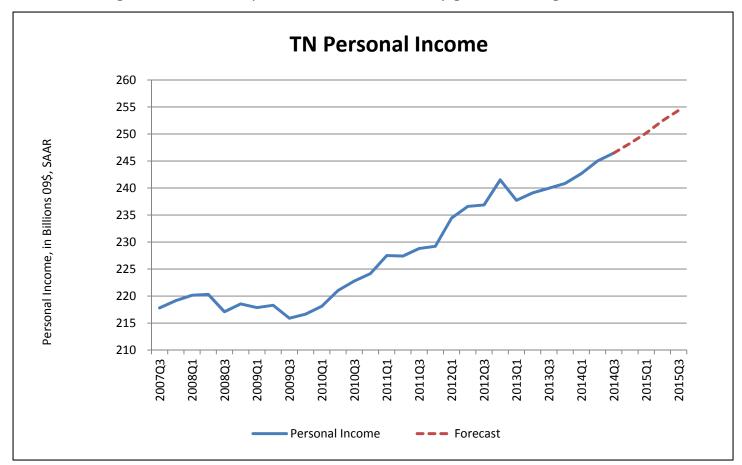
## Tennessee Employment

- Temporary weakness in employment
- Continued job growth expected over the forecast horizon, led by construction and manufacturing



#### Tennessee Personal Income

- Personal income gains of 1.39% for FY 2014
- Personal income gains of 3% are expected for FY 2015, led by growth in wages and salaries





## TENNESSEE DEPARTMENT OF REVENUE COLLECTION ESTIMATES STATE FUNDING BOARD MEETING - 12/11/2014 Accrual year basis (USD)

#### SOURCE OF REVENUE

|                                | official         | official          | FY 2015           |                       | FY 2016           |                       |
|--------------------------------|------------------|-------------------|-------------------|-----------------------|-------------------|-----------------------|
|                                | Accrual Revenues | Revenue Estimates | Revised Estimates | % change <sup>2</sup> | Revenue Estimates | % change <sup>2</sup> |
| Department of Revenue          | FY 2014          | FY2015            | FY 2015           | over FY 2014          | FY 2016           | over FY 2015          |
|                                | Actual           |                   |                   |                       |                   |                       |
| Sales and Use Tax              | \$7,286,200,000  | \$7,515,100,000   | \$7,662,900,000   | 5.17%                 | \$7,881,300,000   | 2.85%                 |
| Gasoline Tax                   | 617,100,000      | 614,800,000       | 631,800,000       | 2.38%                 | 639,600,000       | 1.23%                 |
| Motor Fuel Tax                 | 162,800,000      | 163,500,000       | 166,500,000       | 2.27%                 | 171,600,000       | 3.06%                 |
| Gasoline Inspection Tax        | 63,200,000       | 63,700,000        | 64,300,000        | 1.74%                 | 65,300,000        | 1.56%                 |
| Motor Vehicle Registration Tax | 250,200,000      | 264,100,000       | 254,800,000       | 1.84%                 | 258,700,000       | 1.53%                 |
| Income Tax                     | 239,300,000      | 264,100,000       | 255,300,000       | 6.69%                 | 269,100,000       | 5.41%                 |
| Privilege Tax <sup>1</sup>     | 262,100,000      | 309,900,000       | 280,400,000       | 6.98%                 | 295,600,000       | 5.42%                 |
| Gross Receipts Tax - TVA       | 331,900,000      | 332,100,000       | 346,800,000       | 4.49%                 | 361,400,000       | 4.21%                 |
| Gross Receipts Tax - Other     | 27,200,000       | 30,500,000        | 28,600,000        | 5.15%                 | 29,600,000        | 3.50%                 |
| Beer Tax                       | 17,100,000       | 18,500,000        | 17,300,000        | 1.17%                 | 17,400,000        | 0.58%                 |
| Alcoholic Beverage Tax         | 54,900,000       | 57,400,000        | 57,200,000        | 4.19%                 | 59,500,000        | 4.02%                 |
| Franchise & Excise Tax         | 1,858,600,000    | 1,904,300,000     | 1,914,500,000     | 3.01%                 | 1,983,100,000     | 3.58%                 |
| Inheritance and Estate Tax     | 107,700,000      | 70,000,000        | 80,900,000        | -24.88%               | 34,100,000        | -57.85%               |
| Tobacco Tax                    | 260,300,000      | 269,100,000       | 252,900,000       | -2.84%                | 247,400,000       | -2.17%                |
| Motor Vehicle Title Fees       | 11,400,000       | 12,200,000        | 11,700,000        | 2.63%                 | 11,900,000        | 1.71%                 |
| Mixed Drink Tax                | 77,100,000       | 76,700,000        | 83,100,000        | 7.78%                 | 88,700,000        | 6.74%                 |
| Business Tax                   | 114,800,000      | 148,900,000       | 148,600,000       | 29.44%                | 142,700,000       | 3.97%                 |
| Severance Tax                  | 2,500,000        | 2,700,000         | 2,600,000         | 4.00%                 | 2,600,000         | 0.00%                 |
| Coin-operated Amusement Tax    | 300,000          | -                 | 300,000           | 0.00%                 | 300,000           | 0.00%                 |
| Unauthorized Substance Tax     | <del>-</del>     | -                 | -                 | -                     | -                 |                       |
| Total Department of Revenue    | \$11,744,700,000 | \$12,117,600,000  | \$12,260,500,000  | 4.39%                 | \$12,559,900,000  | 2.44%                 |
| General Fund Only              | \$9,744,400,000  | \$10,053,800,000  | \$10,192,500,000  | 4.60%                 | \$10,438,100,000  | 2.41%                 |

<sup>&</sup>lt;sup>1</sup>Privilege excludes \$43.0 million dollar earmark not included by F&A

<sup>&</sup>lt;sup>2</sup>Percent change in revenue for each tax is the calculated percentage change *after* rounding to nearest \$100,000

#### **Definitions and Sources**

- SAAR = Seasonally Adjusted Annualized Rate
- FY = Fiscal Year
- TN = Tennessee
- Data Sourced From:
  - Moody's (Fall, 2014)
  - BEA (Fall, 2014)
  - BLS (Fall, 2014)
  - TN Department of Revenue (Fall, 2014)
  - TN Department of Finance & Administration (Fall, 2014)